

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	664	(369/121).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/16 14:07
S2	1343	(laser or beam or light) near3 (emit\$6 or diode) near3 (holder)	US-PGPUB; USPAT	OR	ON	2007/01/12 16:39
S3	664	(369/121).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/12 16:39
S4	11	S2 and S3	US-PGPUB; USPAT	OR	ON	2007/01/12 16:39
S6	336399	holder	US-PGPUB; USPAT	OR	ON	2007/01/16 14:07
S7	665	(369/121).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/16 14:07
S8	51	S7 and S6	US-PGPUB; USPAT	OR	ON	2007/01/16 14:13
S9	34729	(diode or laser or light or chip or ld) near3 (holder or hold\$5)	US-PGPUB; USPAT	OR	ON	2007/01/16 15:27
S10	44331	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/01/16 14:14
S11	956	S9 and S10	US-PGPUB; USPAT	OR	ON	2007/01/16 14:15
S12	10556	(diode or laser or light or chip or ld) near3 (holder)	US-PGPUB; USPAT	OR	ON	2007/01/16 15:08
S13	296	S10 and S12	US-PGPUB; USPAT	OR	ON	2007/01/16 14:16
S14	1206	((diode or laser or light or chip or ld) near3 (holder)) near15 (sandwich\$4 or between)	US-PGPUB; USPAT	OR	ON	2007/01/16 15:08
S15	499330	(diode or laser or light or chip or ld) near15 (sandwich\$5 or between)	US-PGPUB; USPAT	OR	ON	2007/01/16 15:09
S16	6455	S12 and S15	US-PGPUB; USPAT	OR	ON	2007/01/16 15:10
S17	216	S10 and S16	US-PGPUB; USPAT	OR	ON	2007/01/16 15:10
S18	0	S17 not S13	US-PGPUB; USPAT	OR	ON	2007/01/16 15:10
S19	9135	((diode or laser or light or chip or ld) near3 (holder or hold\$5)) same (sandwich\$6 or between)	US-PGPUB; USPAT	OR	ON	2007/01/16 15:18
S20	239	S10 and S19	US-PGPUB; USPAT	OR	ON	2007/01/16 15:18
S21	150	S20 not S13	US-PGPUB; USPAT	OR	ON	2007/01/16 15:18

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S22	18625	(diode or ((laser or light) near2 (element or unit or module)) or chip or ld) near5 (holder or holding or held)	US-PGPUB; USPAT	OR	ON	2007/01/16 15:57
S23	300	S10 and S22	US-PGPUB; USPAT	OR	ON	2007/01/16 15:29
S24	114888	(diode or ((laser or light) near2 (element or unit or module)) or chip or ld) near5 (holder or holding or held or mount\$6 or hous\$5 or fix\$4)	US-PGPUB; USPAT	OR	ON	2007/01/16 16:43
S25	36255	(holder or chassis or case or ((mount\$5) near2 (element or device))) near5 (("2" or two) near3 (piece or part or member))	US-PGPUB; USPAT	OR	ON	2007/01/17 16:56
S26	32413	(holder or chassis or case or ((mount\$5) near2 (element or device))) near5 (first or second) near3 (piece or part or member)	US-PGPUB; USPAT	OR	ON	2007/01/16 16:08
S27	1470	S24 and S25	US-PGPUB; USPAT	OR	ON	2007/01/16 16:08
S28	149	S24 same S25	US-PGPUB; USPAT	OR	ON	2007/01/16 16:12
S29	4	((("20040145998") or ("4715675") or ("5485479") or ("20050063434")).PN.	US-PGPUB; USPAT	OR	OFF	2007/01/16 16:22
S30	266	S24 same S26	US-PGPUB; USPAT	OR	ON	2007/01/16 16:22
S31	241	S30 not S28	US-PGPUB; USPAT	OR	ON	2007/01/16 16:22
S32	8	("4667270" "5612855" "6045240" "6349908" "6428189" "6472823" "6481874" "6517229").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/16 16:33
S34	4905	((laser or light or emit\$6) near2 (element or unit or module or diode)) near15 (rectangular or square)	US-PGPUB; USPAT	OR	ON	2007/01/17 16:13
S35	667	((laser or light or emit\$6) near2 (element or unit or module or diode)) near15 (rectangular or square)) near15 (holder or holding or held or fix\$4 or mount\$5 or hous\$6 or plac\$5)	US-PGPUB; USPAT	OR	ON	2007/01/16 16:47
S36	50302	(optical) near5 (head or pickup or pick-up or pu)	US-PGPUB; USPAT	OR	ON	2007/01/16 16:47
S37	76	S35 and S36	US-PGPUB; USPAT	OR	ON	2007/01/16 16:54

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S38	730	(holder or house or chassis) near15 (groove or dent or depress\$3) near5 (opposite or opposing) near2 (surface or side)	US-PGPUB; USPAT	OR	ON	2007/01/16 16:56
S39	2	S34 and S38	US-PGPUB; USPAT	OR	ON	2007/01/16 16:56
S40	2917	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip)) near15 (clamp\$5 or bracket)	US-PGPUB; USPAT	OR	ON	2007/01/17 16:56
S41	8694	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip)) near15 (rectangular or square)	US-PGPUB; USPAT	OR	ON	2007/01/17 16:13
S42	276	S40 and S41	US-PGPUB; USPAT	OR	ON	2007/01/17 16:13
S43	1060	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip)) near10 (holder or hold\$6 or held or mount\$6 or fix\$4) near20 (clamp\$5 or bracket)	US-PGPUB; USPAT	OR	ON	2007/01/17 16:25
S44	699844	(holder or hold\$6 or held or mount\$6 or fix\$4) near10 (screw or pin or hole or boss)	US-PGPUB; USPAT	OR	ON	2007/01/17 19:20
S45	432547	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip))	US-PGPUB; USPAT	OR	ON	2007/01/17 16:44
S46	57447	S44 and S45	US-PGPUB; USPAT	OR	ON	2007/01/17 16:27
S47	9410	S44 same S45	US-PGPUB; USPAT	OR	ON	2007/01/17 16:27
S48	14775	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip)) same (heat\$4) near3 (sink or radiat\$5 or reduc\$6 or dissipat\$5)	US-PGPUB; USPAT	OR	ON	2007/01/17 16:31
S49	339	S40 and S48	US-PGPUB; USPAT	OR	ON	2007/01/17 16:31
S50	31	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip)) near10 (fin or (protrud\$6 near2 (fin or plate))) same (holding or holder)	US-PGPUB; USPAT	OR	ON	2007/01/18 15:48

EAST Search History

S51	779	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip)) near10 (fin or (protrud\$6 near2 (fin or plate)))	US-PGPUB; USPAT	OR	ON	2007/01/17 17:58
S52	32493	(holder) near15 (bracket or clamp\$5 or sandwich\$4)	US-PGPUB; USPAT	OR	ON	2007/01/17 16:54
S53	3	S51 and S52	US-PGPUB; USPAT	OR	ON	2007/01/17 16:54
S54	45140	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip)) near15 (holder or chassis or case or ((mount\$5) near2 (element or device)))	US-PGPUB; USPAT	OR	ON	2007/01/17 17:43
S55	397	S51 and S54	US-PGPUB; USPAT	OR	ON	2007/01/17 16:57
S56	15	("4721850").URPN.	USPAT	OR	ON	2007/01/17 17:40
S57	76036	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip or source)) near15 (holder or chassis or case or ((mount\$5) near2 (element or device)))	US-PGPUB; USPAT	OR	ON	2007/01/17 17:43
S58	3379	((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip or source)) near15 (fin or plate) near15 (heat)	US-PGPUB; USPAT	OR	ON	2007/01/17 19:59
S59	1671	S57 and S58	US-PGPUB; USPAT	OR	ON	2007/01/17 18:00
S60	561	S57 same S58	US-PGPUB; USPAT	OR	ON	2007/01/17 18:00
S61	431	S60 not S55	US-PGPUB; USPAT	OR	ON	2007/01/17 18:00
S62	1	("6181720").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/17 19:20
S63	11	("6181720").URPN.	USPAT	OR	ON	2007/01/17 19:20
S64	2	("5485479" "5590144").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 19:23
S65	17	("5485479").URPN.	USPAT	OR	ON	2007/01/17 19:30
S66	9	("4152624" "4877756" "5068866" "5089861" "5140384" "5177753" "5307362" "5309460" "5367530").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 19:34
S67	18	("5367530").URPN.	USPAT	OR	ON	2007/01/17 19:36

EAST Search History

S68	8	("4375067" "4630278" "4834491" "4977317" "5065226" "5105237" "5130531" "5140384").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 19:45
S69	51067	(supporter or (support\$3 or hold or holding or mount or mounting or house or housing) near2 (assembly or device or element or unit)) same ((laser or light or beam or emit\$6 or semiconductor) near2 (device or chip or source or diode or element))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 19:54
S70	9135	((diode or laser or light or chip or ld) near3 (holder or hold\$5)) same (sandwich\$6 or between)	US-PGPUB; USPAT	OR	ON	2007/01/17 19:58
S71	1436	S70 and S69	US-PGPUB; USPAT	OR	ON	2007/01/17 19:58
S72	948	S58 and S69	US-PGPUB; USPAT	OR	ON	2007/01/17 19:59
S73	786	S72 not S61	US-PGPUB; USPAT	OR	ON	2007/01/17 20:00
S74	160289	(optical near2 (head or pickup or pick-up)) or pickup or pick-up	US-PGPUB; USPAT	OR	ON	2007/01/17 20:01
S75	2827	S69 and S74	US-PGPUB; USPAT	OR	ON	2007/01/17 20:01
S76	787	S69 same S74	US-PGPUB; USPAT	OR	ON	2007/01/18 15:01
S77	1	10/727107.app.	US-PGPUB; USPAT	OR	ON	2007/01/18 15:47
S78	878	((frame or square or rectangular) near2 (type or kind)) same ((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip or source))	US-PGPUB; USPAT	OR	ON	2007/01/18 16:00
S79	48038	(supporter or ((support or supporting or hold or holding or mount or mounting or house or housing) near2 (assembly or device or element or unit))) same ((laser or light or beam or emit\$6 or semiconductor) near2 (device or chip or source or diode or element))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 19:52
S80	178	S78 and S79	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 15:54

EAST Search History

S81	1578	((press\$6) near2 (type or kind or fit\$6)) same ((laser or light or emit\$6 or semiconductor) near2 (element or unit or module or diode or chip or source))	US-PGPUB; USPAT	OR	ON	2007/01/18 16:01
S82	384	S79 and S81	US-PGPUB; USPAT	OR	ON	2007/01/18 16:01
S83	381	S82 not S80	US-PGPUB; USPAT	OR	ON	2007/01/18 16:01
S86	80925	(supporter or ((support or supporting or hold or holding or mount or mounting or house or housing) near2 (assembly or device or element or unit))) with (two or "2" or first or second) near2 (piece or part or element or member)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 16:31
S87	4724	S79 and S86	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 16:31
S88	70521	(supporter or ((support or supporting or hold or holding or mount or mounting or house or housing) near2 (assembly or device or element or unit))) with (two or first or second) near2 (piece or part or element or member)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 17:18
S89	4045	S79 and S88	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 16:33
S90	37380	(optical) near2 (pickup or head or pick-up)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 16:34
S91	119	S89 and S90	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 16:34
S92	4	("6023448").URPN.	USPAT	OR	ON	2007/01/18 16:43
S93	3	("4907847" "5285062" "5870370").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 17:11
S95	281	(clamp\$6 or mount\$3 or fix\$3) near5 (together) near10 (supporter or ((support or supporting or hold or holding or mount or mounting or house or housing) near2 (assembly or device or element or unit))) near10 (screw or pin)	US-PGPUB; USPAT	OR	ON	2007/01/18 17:17
S96	17	S79 and S95	US-PGPUB; USPAT	OR	ON	2007/01/18 17:16

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S97	42772	(supporter or ((support or supporting or hold or holding or mount or mounting or house or housing) near2 (assembly or device or element or unit))) near10 (screw or pin)	US-PGPUB; USPAT	OR	ON	2007/01/18 17:18
S98	6799	(supporter or ((support or supporting or hold or holding or mount or mounting or house or housing) near2 (assembly or device or element or unit))) with ((two or first or second) near2 (piece or part or element or member)) with (screw or pin or hole)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 17:19
S10 0	309	S79 and S98	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 17:19
S10 1	3	("4739546").URPN.	USPAT	OR	ON	2007/01/18 17:29
S10 2	808	(supporter or ((support or supporting or hold or holding or mount or mounting or house or housing) near2 (assembly or device or element or unit))) near5 ((laser or light or beam or emit\$6 or semiconductor) near2 (device or chip or source or diode or element)) near8 (screw or pin or hole)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 17:33
S10 3	21	S90 and S102	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 17:45
S10 4	19	"5367530"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 17:45
S10 5	1	"5367530".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 17:46
S10 6	1	"20020036971".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 19:53